

ABSTRACT OF THE DISCLOSURE

A method for welding a pair of metal sheets together along an edge of each metal sheet is provided that includes the steps of: 1) determining a line for each of the edges to be welded using one or more sensors; 2) selecting one of the edges to be welded as a dominant edge and the other edge to be welded as a non-dominant edge; and 3) welding the metal sheets together along the dominant edge and the non-dominant edge. The present invention further includes an apparatus capable of performing the present method.